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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
Konstantinos Poulakis	:	PATENT
Serial No.: 10/019,397	:	Art Unit: 1733
Filed: December 28, 2001	:	Examiner: B. J. Musser
For: METHOD FOR PRODUCTION OF A FLEXIBLE SHAPED STRIP	:	

DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

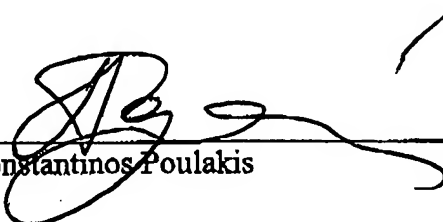
Konstantinos Poulakis, the sole inventor of the subject matter described and claimed in the above-identified application, declares that prior to May 20, 1999, the invention described and claimed in this application was completed in Germany, a WTO country, by successfully performing and successfully testing the claimed method; and that the attached documents appended hereto as Exhibits A - C describe the method performed and tested prior to May 20, 1999, which method conforms to the method described and claimed in the subject application.

He declares further that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment , or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated:

April 5, 2004

  
Konstantinos Poulakis

# ITALIEN

① Prinzip - Microplast.

①A hinten Fe-PU - vorne Hydrophob.

①B hinten Fe-PU - vorne Acrylat Folie.

~~geometrie~~ <sup>ke</sup> geometrie <sup>ke</sup> uns probieren in der Vor.

②A 2-3 m 410 mm Breiten Microplast Fe-PU

②B 2-3 m ~~Fe~~ Fe-Acrylat - Folie.

②C 2-3 m Fe-HM-PES-Folie.

nach Italien schicken.

③ Profil - mit antriebsbedingte ist viel besser  
Form von Fahrer modifizieren.

Form von Wasser auslaufen  $\leftarrow$  Thomas

3-Kissen - original herstellen 60°C

Kive - Verstellen  $\leftarrow$  Thomas

Form  $\rightarrow$  auseinander bauen  $\leftarrow$  Thomas

Form - modifizieren  $\leftarrow$  Raab - Hille

Stellen zusammen  $\leftarrow$  Thomas

EXHIBIT

A

# Profil - Sitz

mit kl. Napela in later, Profil  
"rücklenkend" angewendet

a) mit Back- u. Bauch-bletten (5x4715)  
stark reduziert mit Pflaster

b) Kleber ist stark reduziert mit Acetone

folgendes sollte ausprobiert werden:

1) komplett - Beathigung / sanften in  
"Kleber"-bad

2) nur "oben" beathigen mit Pflaster

Kleber ist sehr eine ausreichend gute

~~Halb~~ Halbzug zum Profil und vor in  
gewünschte Wirkung. Wenn Mensch würde weggeführt  
in nur Beathigung. Allergys, ersten in  
in der Seite nur "oben" beathigen.



A handwritten signature or mark, possibly initials, located at the bottom right of the page.

1a. ZUCHTMIT = GOMMIT

Versuch mit

25445 mit 3/4 - Abdeck

Kleber 22 mit 20% Fe

hat sich gestrip

A) magnetkraft niedrig  
sollte ~~reduziert~~ erhöht werden.  
Abstand <sup>Abstand</sup> Magneten ca 5 cm.

B) Überwärmung weil Magnetkraft niedrig  
der Folie

C) Überwärmung des Vorwärmes selbst  
weil die Form wird bei 105°C  
temperiert. der Kernelt ist flüssig  
schmilzt weg



TOSCAZNA (2)

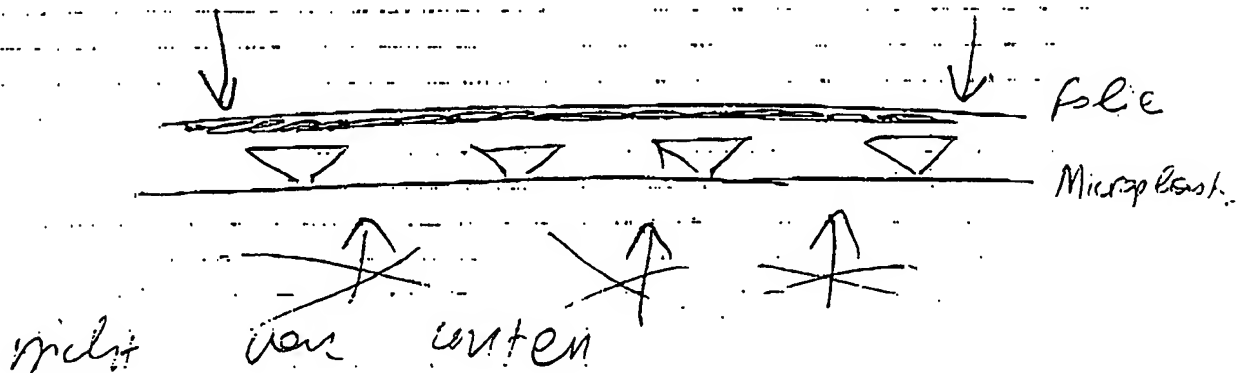
TO DO:

50  $\mu$  - folie

Acrylat

35 % Fe

Schneiden von der folie her



Temperatur in der Form  $\Rightarrow 105^{\circ}\text{C}$

TOUMA (3)

## PROFIL

es wurde das gleiche behandelt  
wie MENSE. Nämlich wenn man  
das Profil in die Kurve legen  
läßt sich das um.

Immer hat die runde Form geübt.  
Je mehr aber sichere wäre mit Kerben  
alle 20 - 25 mm von beiden Seiten  
versetzt.

Köhne auf PVC-Folie sind auch nicht ok !!  
weil Folie hat keine Stabilität nach Schweiß  
am liebsten wäre ein PVC-Beschichtetes  
Gewebe, der schickt das Muster.

Das PP-Vlies sieht gut aus.

↑  
Er will das mit Einkerbungen LÖTL-Verstellen.



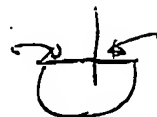
TOUANA ④

~~Der~~ Die Höhe des Probes wurde  
wenig Achtung gegeben.

Die Mitgliedzahl mit 2-Fahnen wurde  
angesprochen → dass wollen Sie als  
Beispiel anwenden.

TO 20

- ① ca. 5 m mit PP-Vlies mit Kerben
- ② danach ca. 50 m mit Vlies - Schweißband  
um es LÖTL-Verbindungen
- ③ ca. 50 m mit 2 Fahnen
- ④ ca. 50 m mit antirutsch Beschichtung  
auf die obere Seite des Probes



German translation

Profile – Seat

the profile was „antislip“ coated with KI. Nägele in the lab.

- a) with back-to-back glue (SU 4715), thinned with MEK
- b) Glue 21, thinned with Aceton

following should be tested

- 1) complete coating / dip in glue
- 2) only „top“ coated with brush

Glue 21 results a gut adhesion to the profile and has the wanted effect.

It was shown to Mr. Mense. He was very enthusiastic about that.

However we should coat only on the top in the line

(signature)

German translation

ITALY

- 1) trench Microplast
  - A) back Fe-PU – front hydrophobic
  - B) back FePU – front acrylic foil

the design to be tested in our facilities in the tool

- 2)
  - A) 2 - 3 m 410mm wide Microplast Fe-PU
  - B) 2 - 3 m Fe-Acrylic foil
  - C) 2 - 3 m Fe-HM-PES-foilto be send to Italy

- 3) profile with antislip-coating is better
  - tool to be modified by Fehrer
  - tool to be connected with water ← Thomas
  - produce 3 original pads 60°C
  - pads to be measured ← Tuma
  - separate tool ← Thomas
  - tools modification ← Raab – Hiha
  - rebuild tool ← Thomas
  - produce 3 pads ←

## German translation

### **page 1**

Toscana Gomma

trials with 25445 with 36 $\mu$  shield, glue 22 and 20% Fe  
results:

- A) magnetic force low  
    should be increased  
    magnet distance about 5 cm
- B) foam intrusion over the foil, because of low magnetic force
- C) foam intrusion over the fastener, the tool has a temperature by 105°C, the hotmelt glue melts down

### **page 2**

TO DO

- 50 $\mu$  foil
- acrylic adhesive
- 35% Fe
- cutting from the side of the foil  
    (design)
- not from the bottom

temperature in the form 105 °C

### **page 3**

PROFILE

the same complaints as Mr. Mense. If a shape is built, the profile is pulled off.

Jan showed the rounded shape. More secure should be with notches every 20-25 mm on both sides.

A flag with PVC-foil should NOT be ok !! the foil is not stable enough after sealing, more convenient should be a PVC-coated textile.

The PP-nonwoven seems to be ok.

The material with the notches should be shown by LEAR

### **page 4**

The profile hardness was not of interest.

The possibility to build up the product with two flags was discussed. They want to put a patent application.

TO DO

- 1) about 5 m with PP-Nonwoven and notches
- 2) after that about 50 m with nonwoven-sealable to show it to LEAR
- 3) about 50 m with two flags
- 4) about 50 m with antislip coating on the top of the profile  
    (design)